

se of controls, adjustments or performance of procedures other
an those specified herein may result in hazardous radiation
exposure.

**CAUTION-INVISIBLE LASER RADIATION WHEN OPEN
AND INTERLOCKS DEFEATED, AVOID EXPO-
SURE TO BEAM.**

 This symbol indicates that dangerous voltage which
can cause electric shock is present inside this unit.

 This symbol alerts you to important operating and
maintenance instructions accompanying the unit.

WARNING: To reduce the risk of fire or electric shock, do not
expose this appliance to rain or moisture.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH
WIDE BLADE OF PLUG TO WIDE SLOT, FULLY
INSERT.

Contents

Thank you for buying this
SAMSUNG mini-compact system.

Please take time to read these instructions.
They will allow you to operate your
system with ease and take full advantage
of its features.



♦ SAFETY WARNINGS	2
♦ INSTALLING YOUR MINI-COMPACT SYSTEM	
■ Front Panel View	4
■ Rear Panel View	5
■ Remote Control	5
■ Where to Install Your Mini-Compact System	6
■ Connecting your System to the Power Supply	6
■ Inserting Remote Control Batteries	6
■ Connecting the Loudspeakers	6
■ Connecting to an External Source	7
■ Connecting the AM (MW) Aerial	7
■ Connecting the FM Aerial	7
■ Demo/Dimmer function	8
■ Setting the Clock	8
♦ CD/MP3-CD-PLAYER	
■ Loading and Changing Compact Discs	9
■ To reply the CD/MP3-CD/WMA-CD	9
■ Selecting a CD in the Disc changer	10
■ Selecting a Track	10
■ To select the MP3/WMA-CD title and track	10
■ Searching for a Specific Music Passage on a CD	11
■ Shuffle Play Function	11
■ Medley Play	12
■ Repeating One or All Tracks on the Compact Discs	12
■ Function to skip through 10 track at a time	12
■ Last Memory Function	12
■ Programming the Order of CD Playback	13
■ Checking or Changing Programmed CD Tracks	14
♦ TUNER	
■ Searching for and Storing the Radio Stations	14
■ Selecting a Stored Station	15
■ Improving Radio Reception	15
♦ TAPE DECK	
■ Listening to a Cassette	16
■ CD Synchro Record Feature	16
■ Recording a Compact Disc	16
■ Recording a Radio Program	17
■ Copying a Cassette (Dubbing)	17
■ Tape Counter	17
♦ OTHER FUNCTIONS	
■ Timer Function	18
■ Cancelling the Timer	18
■ Mute Function	19
■ Selecting Sound Mode	19
■ Power Sound/Surround Mode Function	19
■ Setting the System to Switch off Automatically	20
■ Connecting Headphones	20
■ Microphone Function(OPTION)	20
♦ RECOMMENDATIONS FOR USE	
■ Safety Precautions	21
■ Cleaning Your Mini-Compact System	21
■ Precautions When Using Compact Discs	22
■ Precautions When Using Audio Cassettes	22
■ Before Contacting the After-Sales Service	22
■ Technical Specifications	23

Symbols



Press



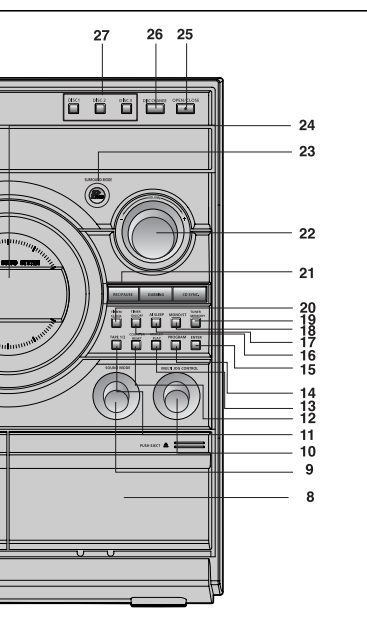
Push



Important

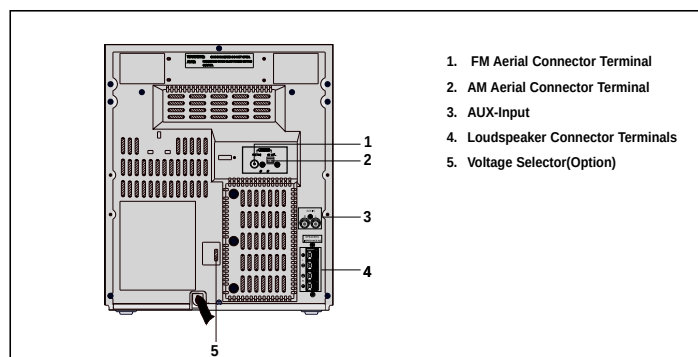


Note



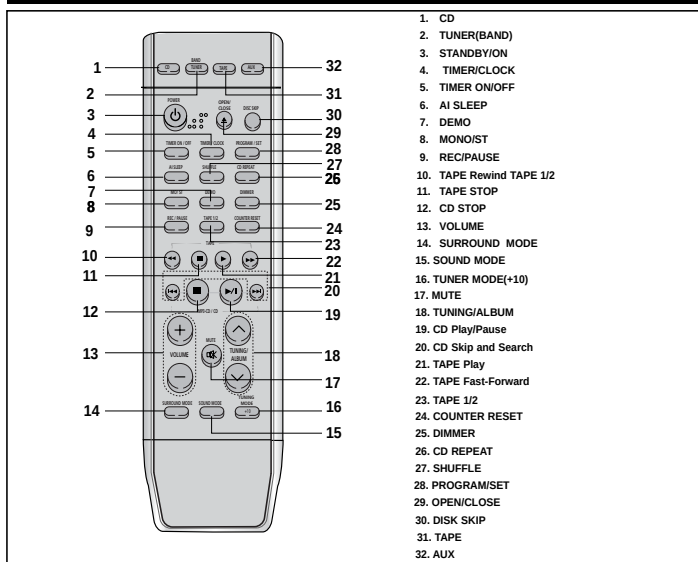
16. TIMER ON/OFF
17. AI SLEEP
18. FM/MONO ST
19. TUNER/MEMORY
20. TIMER/CLCOK
21. REC/PAUSE/DUBBING/CD SYNCHRO
22. VOLUME CONTROL
23. P.SOUND/SURROUND MODE
24. WINDOW DISPLAY
25. OPEN/CLOSE
26. DISC CHANGE
27. DISC SELECTION BUTTONS

Rear Panel View

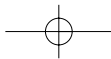


1. FM Aerial Connector Terminal
2. AM Aerial Connector Terminal
3. AUX-Input
4. Loudspeaker Connector Terminals
5. Voltage Selector(Optional)

Remote Control



1. CD
2. TUNER(BAND)
3. STANDBY/ON
4. TIMER/CLOCK
5. TIMER ON/OFF
6. AI SLEEP
7. DEMO
8. MONO/ST
9. REC/PAUSE
10. TAPE Rewind TAPE 1/2
11. TAPE STOP
12. CD STOP
13. VOLUME
14. SURROUND MODE
15. SOUND MODE
16. TUNER MODE(+10)
17. MUTE
18. TUNING/ALBUM
19. CD Play/Pause
20. CD Skip and Search
21. TAPE Play
22. TAPE Fast-Forward
23. TAPE 1/2
24. COUNTER RESET
25. DIMMER
26. CD REPEAT
27. SHUFFLE
28. PROGRAM/SET
29. OPEN/CLOSE
30. DISK SKIP
31. TAPE
32. AUX



Inserting Remote Control Batteries

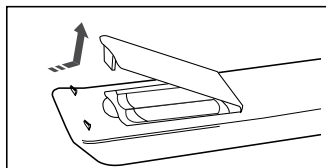
Insert or replace remote control batteries when you:

- ♦ Purchase the mini-compact system
- ♦ Find that the remote control is no longer operating correctly

When replacing the batteries, use a new set of batteries and never mix alkaline and manganese batteries.

- 1 Place your thumb on the position marked Δ on the battery compartment cover (rear of the remote control) and push the cover in the direction of the arrow.
- 2 Insert two AAA, LR03 or equivalent batteries, taking care to respect the polarities:
 - ♦ + on the battery against + in the battery compartment
 - ♦ - on the battery against - in the battery compartment
- 3 Replace the cover by sliding it back until it clicks into position.

➤ If you will not be using the remote control for a long time, remove the batteries to prevent corrosion.



Connecting the Loudspeakers

The loudspeaker connector terminals are located on the rear of the system.

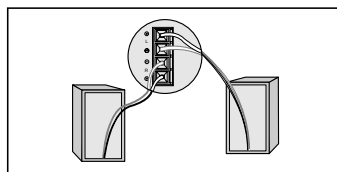
There are four terminals on the system:

- ♦ Two for the left speaker (marked L)
- ♦ Two for the right speaker (marked R)

To achieve the correct sound quality, connect the:

- ♦ Red wire to the + terminals
- ♦ Black wire to the - terminals

- 1 Press and hold the terminal tab.
- 2 Insert the speaker cord.
- 3 Release the finger.



Connecting to an External Source

The auxiliary input can be used to take advantage of the sound quality of your mini-compact system when listening to other sources.

- Examples:
- ♦ A television
 - ♦ A video disc player
 - ♦ A Hi-Fi stereo video cassette recorder

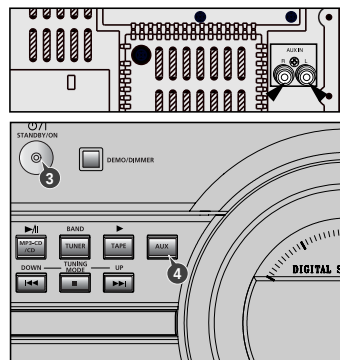
➤ To connect to the external source, the source must have an audio output. In addition, you need an RCA connection cable.

- 1 Set the system to standby mode and disconnect it and the external source from the main socket.
- 2 Connect the audio cable to the rear of the mini-compact system.

Connect the...	To the connector marked...
Red jack	R (right)
White jack	L (left)

➤ For optimum sound quality, do not invert the right and left channels.
- 3 Plug the system back into the main socket and press **STANDBY/ON** to switch it on.
- 4 Select the AUX source by pressing **AUX**.
Result: AUX is displayed.
- 5 Switch the external source on.
- 6 Adjust the volume and balance as required:
 - ♦ Volume
 - ♦ Equalizer

Example: You can watch a film and take advantage of stereo sound provided that the original sound track is in stereo (as if you were in a cinema).

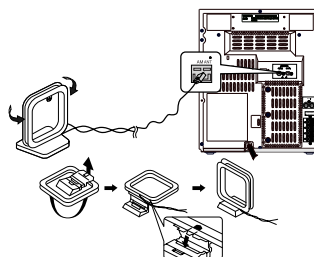


Connecting the AM (MW) Aerial

The AM aerial (for long and medium waves) can be:

- ♦ Placed on a stable surface
 - ♦ Fixed to the wall (you must first remove the base)
- The AM aerial connector terminals are located on the rear of the system and are marked AM.

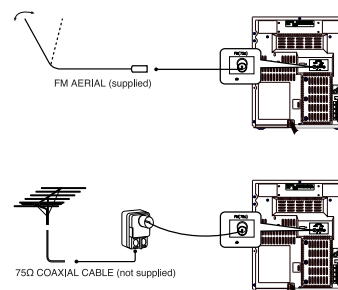
➤ To avoid noise interference, check that the loudspeaker wires do not run close to the aerial wires. Always keep them at least 2 inches (5 cm) away.



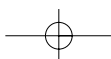
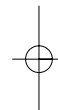
Connecting the FM Aerial

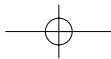
How to connect a COAXIAL TYPE aerial.

- ♦ Connect a 75Ω antenna to the FM antenna terminal.
- ♦ Plug the connector on the FM aerial supplied into the coaxial socket (75Ω) marked FM on the rear of the system.
- ♦ Follow the instructions given on **Page 14** to tune into a radio station, and determine the best position for the aerial.
- ♦ If reception is poor, you may need to install an outdoor aerial. To do so, connect an outdoor FM aerial to the FM socket on the rear of the system using a 75Ω coaxial cable (not supplied).



GB





Setting the Clock

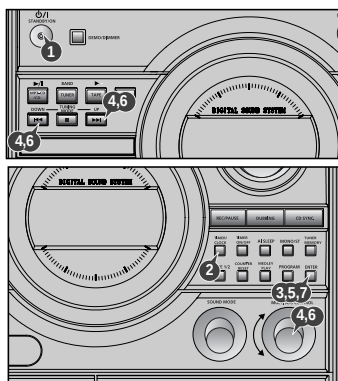
Your system is equipped with a clock which allows you to turn your system on and off automatically. You should set the clock:

- ◆ When you purchase the mini-compact system
- ◆ After a power failure
- ◆ After unplugging the unit

◆ For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.

- 1 Switch the system on by pressing **Standby/on**.
- 2 Press **Timer/Clock** twice.
Result: **CLOCK** is displayed.
- 3 Press **Enter**.
Result: The hour flashes.
- 4 To... Press the...
Increase the hours **▶▶**
Decrease the hours **◀◀**
- 5 When the correct hour is displayed, press **Enter**.
Result: The minutes flash.
- 6 To... Press the...
Increase the minutes **▶▶**
Decrease the minutes **◀◀**
- 7 When the correct time is displayed, press **Enter**.
Result: The clock starts and is displayed, even when the system is in standby mode.

- ◆ You can display the time, even when you are using another function, by pressing **Timer/Clock** once.
- ◆ You can also use **◀◀ / ▶▶** buttons on the panel front or **TUNING** **◀** / **▶** on the remote control to instead of **MULTI JOG** knob in step 4, 6.



Loading and Changing Compact Discs

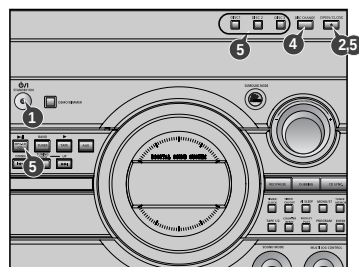
The CD disc changer can contain up to three 12 cm or 8 cm compact discs without using an adapter.

- ◆ Never force the compact disc carousel when opening and closing the compartment.
- ◆ Never press down or place objects on the carousel.

➤ Always treat your compact discs with care; refer, if necessary, to the section entitled "Precautions When Using Compact Discs" on page 22.

- 1 Switch the system on by pressing **STANDBY/ON**.
 - 2 Press the **OPEN/CLOSE** (**▲**) button on the front panel.
Result: The compartment opens.
 - 3 Place one disc in the front slots of the carousel, with the label on the discs facing upwards.
◆ Check that the compact disc has been correctly inserted in the holder before closing the compartment.
 - 4 If you wish to load another disc, press the **DISC CHANGE** button on the front panel (or **DISC SKIP** on the remote control).
Result: The carousel rotates by 120°.
 - 5 Close the compartment by pressing the **OPEN/CLOSE** (**▲**) button again.
➤ If you wish to start playing a disc directly, you can also proceed as follows.
- | To play... | Press... |
|--------------|-------------------------|
| Disc 1 | (▶▶) or Disc 1 |
| Disc 2 | Disc 2 |
| Disc 3 | Disc 3 |
- Result:** The compartment closes automatically and the disc selected starts playing.
- 6 To change or unload the compact disc changer, repeat Steps 2 to 5.

- ◆ Keep the compartment closed whenever you are not using it, to prevent dust from entering.
- You can load or unload compact discs when the radio, tape or auxiliary source function is selected.



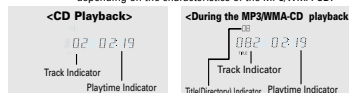
To replay the CD/MP3/WMA-CD

This is a player that enables the playback of audio CD, CD-R, CD-RW and MP3/WMA-CD and does not possess the function that saves MP3 files.

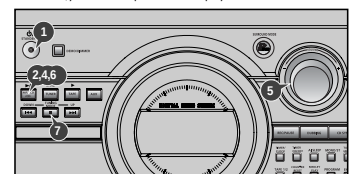
- ◆ Do not use CDs of irregular shapes like heart or octagon shapes. The performance of the player may be degraded.

At least more than one CD should be inserted for playbacks.

- 1 Press the **STANDBY/ON** button to switch on the power.
- 2 Press the **MP3-CD/CD** (**▶▶**) of the main unit to select the CD function.
- 3 Insert more than one CD, or a MP3/WMA-CD.
- 4 Press the **MP3-CD/CD** (**▶▶**) button of the main unit or the **▶▶** button of the remote control.
➤ ◆ If there are more than one CD or an MP3/WMA-CD inserted, replays are then processed in order.
◆ Your CD Player will take a few moments to scan through all the tracks recorded on a particular MP3/WMA-CD.
◆ The English name of the song may be indicated on the display only if directly downloaded from the PC or if the purchased MP3/WMA-CD is sorted according to titles/directory. (Other languages besides English may not be indicated.)
◆ The English name of the track may not be indicated depending on the characteristics of the MP3/WMA-CD.



- 5 Adjust the volume according to needs with the following procedures.
◆ Turn the **VOLUME** control of the main unit.
or
◆ Press the **VOLUME** + or - button of the remote control.
➤ The volume level can be adjusted in 31 steps (VOL MIN, VOL 1-VOL 29, and VOL MAX).
- 6 If it is desired to pause while the playback is processing, press the **MP3-CD/CD** (**▶▶**) button.
➤ Press the **MP3-CD/CD** (**▶▶**) button once again to playback again.
- 7 To stop playback, press the **■** button.
➤ ◆ A new disc may be inserted in the remaining two compartments excluding the CD which is being played back. Press the **Disc Changer** button to open the CD tray. The revolving part does not turn during playbacks.
◆ If there is not even one CD inserted in the CD tray, it is indicated as "NO DISC".
◆ If the CD Repeat function is not selected, 3 CDs are played back which automatically stops.
◆ The quality of MP3/WMA-CD playback may vary depending on the condition of the disc containing the music files or the condition of the recorder with which the disc was created.
◆ If different types of files or unnecessary folders are on the same disc, you will have problems with playback.



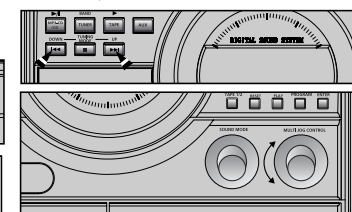
To select the MP3/WMA-CD title and track

The title and track of the MP3/WMA-CD desired to listen may be selected on stopping or during playbacks.

Main Unit

To move the title(Album),
Turn the Multi Jog Knob.

To move the track,
press the **◀▶** button.
♦ Moves the track within the title.
♦ If the **◀▶** button is pressed
more than the number of tracks
within the title, it moves to the next title.



Remote Control

Press the **TUNING ALBUM** **▼** or **▲** button, the title moves.
Press the **◀▶** or **▶▶** buttons, the track moves.



What is WMA?

WMA means Windows Media Audio, the global standard for audio signal compression technology.

What is MP3?

MP3 means MPEG1 Layer 3, the global standard for audio signal compression technology. It uses digital compression technology to compress original sound data by up to 12 times without sound quality degradation.

File Compatibility

- ♦ The unit will playback files created in MP3 format (Mpeg1.Layer3) with *.mp3 as their extension, and some WMA files with *.WMA extension can't be playback.
- ♦ Playback will be impossible for the file of MP2 or 22KHz.
- ♦ ID3*tags can be shown on the display in English.
*An MP3 file can contain file information called "ID3 Tag" where its album name, performer, rack title, etc. are recorded.

How many MP3 files can a CD-R or CD-RW disc record?

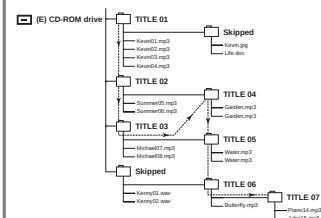
The maximum capacity of one CD-R or CD-RW disc is 680MB.
Normally, one MP3 file has a capacity of 4MB, therefore approximately 170 files can be recorded on a single disc.

Regarding the playback of CD-R/RW

- ♦ In the case of an original CD-R(Recordable) recorded in audio CD format, CD-RW(Rewritable) and editing by the user, playback is processed on the respective completed status. (The player may not be played back according to the characteristics of the CD or recorded status.)
- ♦ The CD-RW is comparably less reflexive than CD which causes more time delay to read.

Playback sequence of titles and tracks

- ♦ In case of Window Explorer display.
- ♦ The arrows indicate playback sequence of titles and tracks.
- ♦ Tracks with .jpg, .wav or .doc only are not audio files and therefore will be skipped.



Searching for a Specific Music Passage on a CD

When listening to a compact disc, you can quickly search for a specific music passage on a track.

➤ It is recommended that you turn the volume down before using this function.

To search through the tracks... Press and hold down...
Forwards **▶▶** for at least one second
Backwards **◀◀** for at least one second

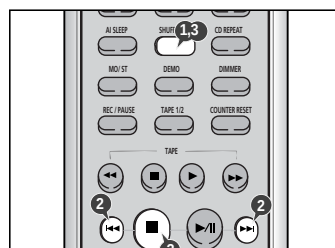
You can also press and hold down **◀◀/▶▶** on the front panel to auto search through the tracks.



Shuffle Play Function

You can listen to the tracks on a compact disc in a different order each time, as the various tracks will be selected automatically in a random sequence.

- Press the Shuffle button.
Result: The SHUFFLE(CD) or RANDOM(MP3-CD) indication appears and all the tracks are played in a random order. Both the track number and the playing time are displayed.
- When playing tracks in a random order, you can:
♦ Move on to the next track (selected at random) by pressing **▶▶**
♦ Search quickly for a specific point in the current track by pressing **◀◀/▶▶**
- When you have finished the random playback, press **■** or press the Shuffle button again.
➤ Repeat and CD Synchro function are not available in Shuffle playing mode.



Function to skip through 10 tracks at a time

Press the **+10** button briefly while playing back a CD and MP3-CD. The track 10 tracks after the current one will then be played back.

Example: If you want to select track 43 during playback of track 5, press the **+10** button four times, and then press the **▶▶** button three times.

5 → 10 → 20 → 30 → 40 → 41 → 42 → 43

+10 +10 +10 +10 ▶▶ ▶▶ ▶▶

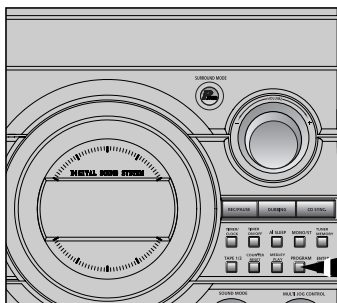


Last Memory Function

(This function is only available during playback of MP3-CD.)

When MP3-CD playback is selected again after your CD player has been stopped or turned off, this function allows playback from the start of the track that you last listened to.

◆ Press the **Program** button while your MP3-CD is being played. The **LAST ON** and **LAST OFF** may be repeatedly selected.



Programming the Order of CD Playback

You can decide:

- ◆ The order in which you listen to the tracks on the discs loaded
- ◆ Which tracks you do not wish to listen to
- ◆ You can program up to 24 tracks.
- ◆ You must stop the compact disc player before selecting the tracks.
- ◆ This feature can be combined with the Repeat function.

- 1 If the CD function is selected, stop the player by pressing **■**.
- 2 Load the selected CDs.
- 3 Press **PROGRAM**.

Result: The following indications are displayed:

01 PR1 --

(01 = Program no., PR1 = Disc no., -- = Track no. on the disc)

- 4 If necessary, select the disc containing the required track by pressing the corresponding **DISC (1, 2, 3)** button.

- 5 Select the required track by turning the **MULTI JOG** knob:
 - ◆ To the left to move back through the tracks
 - ◆ To the right to move forward through the tracks

- 6 Press **PROGRAM** to confirm your selection.

Result: The selection is stored and **PR1** -- is displayed.

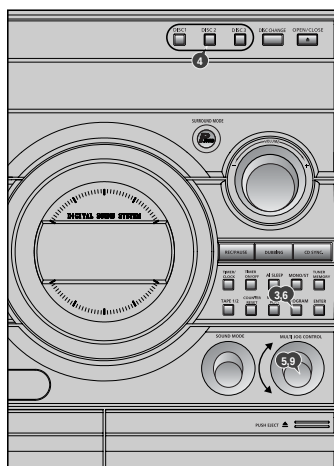
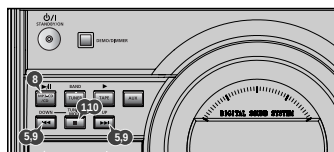
- 7 To select other tracks, repeat Steps 4 to 6.

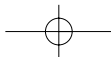
- 8 Press **MP3-CD/CD** (▶▶) to listen to the track selection in the order programmed.

- 9 To... Turn the **MULTI JOG** knob...
 - Listen to the current track again One notch to the left
 - Listen to the previous track Two notches to the left
 - Listen to the next track One notch to the right
 - Skip forwards or backwards one The appropriate number of notches to the right or to the left
 - or more tracks

- 10 To cancel the selection, press **■**.

- ◆ Once if the compact disc player is stopped
- Result:** **PRCM** is no longer displayed.
- ◆ If you open the compartment, the selection is cancelled.
- ◆ If you select the number of a disc which is not loaded or a track which does not exist on the CD, the selection skips to the next programmed track.
- ◆ You can also use the **◀◀** / **▶▶** buttons to select the required tracks in step 5, 9.





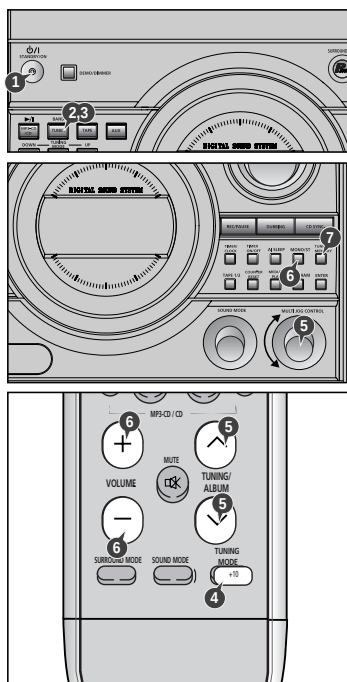
Searching for and Storing the Radio Stations

You can store up to:

- ♦ 15 FM stations
- ♦ 15 AM stations

- Switch the system on by pressing **STANDBY/ON**.
 - Select the **TUNER** function by pressing **TUNER**.
 - Select the required frequency band by pressing **TUNER (BAND)** again on the front panel or **TUNER (BAND)** on the remote control.
Result: The appropriate indication is displayed.
♦ FM Frequency Modulation
♦ AM(MW) Medium Wave
 - | To search for a station... | Press TUNING MODE |
|----------------------------|--|
| Manually | Once or more times until MANUAL is displayed. |
| Automatically | Once or more times until AUTO is displayed. |
 - Select the station to be stored by:
 - ♦ Turning the **MULTI JOG** knob to the right or to the left to increase or decrease the frequency respectively
 - ♦ Pressing **TUNING** ∇ or $\blacktriangle$ on the remote control
 - ♦ To scroll through the frequencies faster when searching manually, hold down the **TUNING Down** or **Up** buttons.
 - ♦ The automatic search procedure may stop on a frequency that does not correspond to a radio station. If this happens, use the manual search mode.
 - Adjust the volume by:
 - ♦ Turning the **VOLUME** knob on the front panel
 - ♦ Pressing the **VOLUME** $+$ or $-$ buttons on the remote control

Select the FM stereo or mono mode by pressing **MOIST**.
 - If you do not want to store the radio station found, revert to Step 4 and search for another station.
Otherwise:
 - Press **TUNER MEMORY**.
Result: The **PRGM** is displayed for a few seconds.
 - Press **TUNING Down** and **Up** to assign a program number.
 - Press **TUNER MEMORY** to store the radio station.
Result: **PRGM** is no longer flashed and the station is stored.
 - To store any other radio frequencies required, repeat Steps 3 to 8.
- ♦ The **PROGRAM** function can be used to assign a new station to an existing program number.



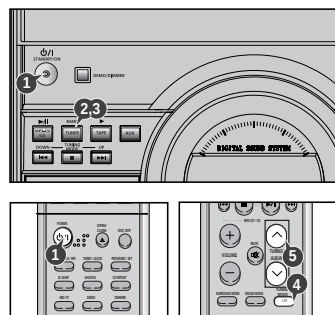
In Tuner mode

- ♦ In manual tuning mode, you can use **MULTI JOG** or $\blacktriangleleft$ / $\blacktriangleright$ button on the panel front to manual search a radio station.
- ♦ During Tuner auto searching, press $\blacksquare$ button to stop auto searching.
- ♦ In Preset tuning mode, you can use **MULTI JOG** or $\blacktriangleleft$ / $\blacktriangleright$ button on the panel front to search a stored radio station.

Selecting a Stored Station

You can listen to a stored radio station as follows:

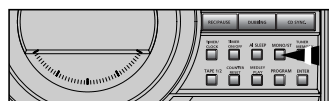
- Switch the system on by pressing **STANDBY/ON**.
- Select the **TUNER** function by pressing **TUNER(BAND)**.
- Select the required frequency band by pressing **TUNER (BAND)** on the remote control or **TUNER (BAND)** again on the front panel.
- Press the **TUNING MODE** button on the remote control until **"PRESET"** is displayed.
- press $\blacktriangleleft$ / $\blacktriangleright$ on the front panel of the unit to select the desired station.
or
Select the desired station by pressing the **TUNING / ALBUM** ∇ or $\blacktriangle$ button on the remote control.
Result: The desired station is now received.

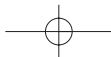


Improving Radio Reception

You can improve the quality of radio reception by:

- ♦ Rotating the FM or AM(MW) aerial
 - ♦ Testing the positions of the FM and AM(MW) aerials before fixing them permanently
- If reception from a specific FM radio station is poor, press **MONO/ST** to switch from stereo mode to mono. The quality of the sound will be improved.





CD Synchro Record Feature

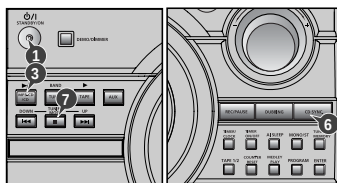
(This function is not available during playback of an MP3 CD.)

You can record a compact disc on a cassette in two different ways:

- ◆ Synchronised recording
- ◆ Direct recording

This feature enables you to synchronize the start of the recording with the start of the disc or track of your choice.

- 1 Switch the system on by pressing **STANDBY/ON**.
- 2 Insert a blank cassette in Deck 2.
- 3 Select the CD function by pressing **MP3-CD/CD** on the front panel.
- 4 Load a compact disc.
- 5 Select the required disc.
- 6 Select the required track and press **CD SYNCHRO** or press **CD SYNCHRO** directly to start recording at the beginning of the disc.
Result: REC and CD SYNC are displayed and recording starts.
- 7 To stop recording, press ■.

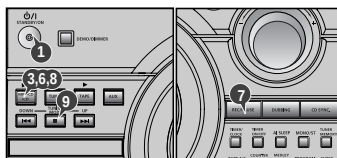


Recording a Compact Disc

The direct recording mode enables you to start recording with any track on the compact disc.

- ◆ You can only record on cassettes in Deck 2.
- ◆ You do not need to adjust the volume, as it has no effect on the recording.

- 1 Switch your system on by pressing **STANDBY/ON**.
- 2 Insert a blank cassette in Deck 2.
- 3 Select the CD function by pressing **MP3-CD/CD** on the front panel.
- 4 Load the compact disc.
- 5 Select the required disc.
- 6 Select the required track on the compact disc and press **▶/II** on the front panel or **▶/II** on the remote control to set the compact disc player to Pause mode.
- 7 Press the **REC/PAUSE**.
Result: REC is displayed.
- 8 Press the **▶/II** to start playing the track.
Result: The track is recorded on the cassette.
- 9 To stop recording, press ■.

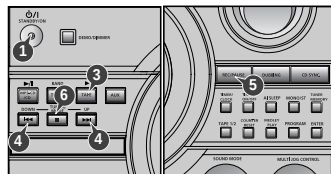


Recording a Radio Program

You can record a radio program of your choice.

- ◆ You can only record on cassettes in Deck 2.
- ◆ You do not need to adjust the volume, as it has no effect on the recording.

- 1 Switch the system on by pressing **STANDBY/ON**.
- 2 Insert a blank cassette in Deck 2.
- 3 Select the TUNER function by pressing **TUNER**.
- 4 Select the radio station that you wish to record by pressing **TUNING** **▲** or **▼** on the remote control or by press the **DOWN** or **UP** on the front panel.
- 5 Press **REC/PAUSE**.
Result: REC is displayed in red and recording starts.
- 6 To stop recording, press ■.



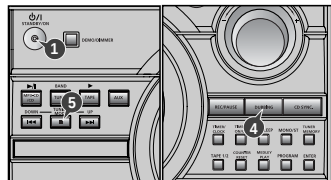
Copying a Cassette (Dubbing)

You can copy a cassette from Deck 1 to Deck 2.

- ◆ Normal speed dubbing in selecting Tape function mode.
- You do not need to adjust the volume, as it has no effect on the recording.
- ◆ Take care not to insert the tape to be copied in Deck 2, as it will be erased when you start recording.

- 1 Switch your system on by pressing **STANDBY/ON**.
- 2 Insert a blank cassette in Deck 2.
- 3 Insert the tape to be copied in Deck 1.
- 4 To copy a cassette at... Press...
Normal speed DUBBING

Result: The appropriate indications are displayed and the cassette in Deck 1 is copied to the cassette in Deck 2.
- 5 To stop dubbing, press ■.

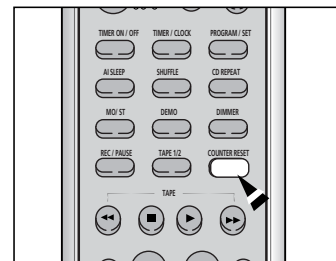
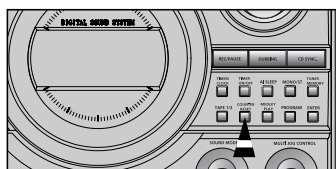


Tape Counter

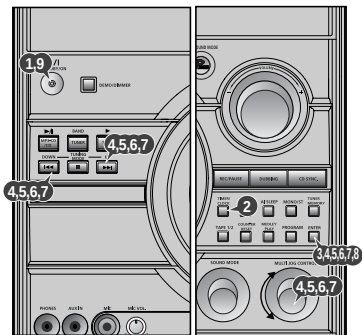
When playing a cassette in one of the cassette decks, a counter is displayed to enable you to take note of the counter value at the start of each track to start playback at the beginning of the track to which you wish to listen.

- Before starting to record a cassette for which you wish to take note of the counter values at the beginning of each track, reset the counter by pressing **COUNTER RESET**.

- Each cassette deck has a separate counter.



➤ If the timer switch on and off times are identical, the word ERROR is displayed.



- To set the timer function**
- ◆ You may use ◀▶ / ▶▶ buttons on the front panel to adjust in step 4, 5, 6, 7.

Cancelling the Timer

After having set the timer, it will start automatically as shown by the **TIMER** indication on the display. If you no longer wish to use the timer, you must cancel it.

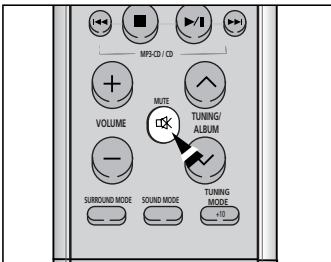
- You can stop the timer at any time (system on or in standby mode).
- | | |
|-------------------|--|
| To... | Press Timer-On/Off... |
| Cancel the timer | Once.
Result: ⏰ is no longer displayed. |
| Restart the timer | Twice.
Result: ⏰ is displayed again. |



Mute Function

You can turn the sound off temporarily on your system.
Example: You wish to answer a telephone call.

- 1 Press MUTE.
- 2 To switch the sound back on, press MUTE again or the VOLUME buttons.

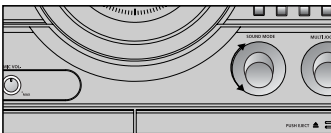


Selecting Sound Mode

Your mini-compact system is equipped with a preset equalizer that allows you to choose the most appropriate balance between treble and bass frequencies, according to the type of music you are listening to.

Turn **SOUND MODE** on the front panel or Press **SOUND MODE** on the remote control until the required option is selected.

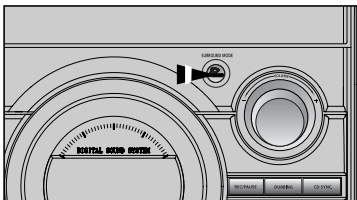
To obtain a...	Select...
Normal balance (linear)	PASS
Balance suitable for pop music	POP
Balance suitable for rock music	ROCK
Balance suitable for classic music	CLASSIC
Balance suitable for hall	HALL
Balance suitable for live	LIVE
Balance suitable for cinema	CINEMA

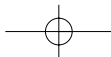


Power Sound/Surround Mode Function

Your mini-compact system is equipped with the function of **Power Surround mode**.
The function of **Power Surround mode** amplifies bass and improves high key or bass twice as much for you to appreciate powerful real sound.

- 1 Press the P.SOUND/SURROUND MODE button on the front panel.
Result: Press P.SURROUND MODE button on the front panel, "P.SOUND P,SURRD,P,SUR XT,OFF" is displayed.
- 2 To cancel this function, press P.SOUND/SURROUND MODE button again



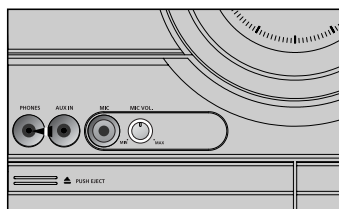


Connecting Headphones

You can connect a set of headphones to your mini-compact system so that you can listen to music or radio programmes without disturbing other people in the room. The headphones must have a 3.5ø jack or an appropriate adapter.

Connect the headphones to the PHONES jack on the front panel.
Result: The loudspeakers are no longer used to output the sound.

Prolonged use of headphones at a high volume may damage your hearing.

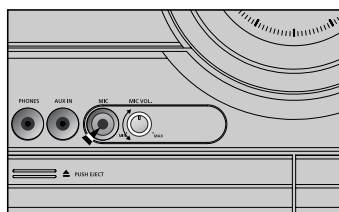


Microphone Function (OPTION)

The microphone enables the user to mix in his or her vocals to sing-along with the music or recording.

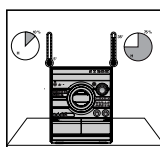
Preparation
Plug the microphone with a 6.3mm mic jack into microphone terminal.

- 1 Turn the MIC VOL knob to adjust the mic volume.

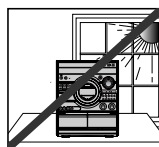


Safety Precautions

The following diagrams illustrate the precautions to be taken when using or moving your mini-compact system.



Ambient operating conditions:
Ambient temperature 5°C-35°C
Humidity 10-75%



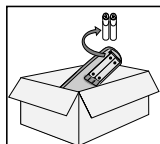
Do not expose the unit to direct sun radiation or other heat sources. This could lead to overheating and malfunction of the unit.



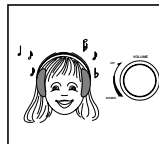
Do not place potted plants or vases on top of the unit. Moisture entering the unit could lead to dangerous electric shock and can cause equipment damage. In such events immediately disconnect the main plug from the socket.



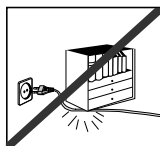
During thunderstorms, disconnect the main plug from the socket. Main voltage peaks due to lightning could damage the unit.



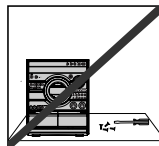
Remove the batteries from the remote control, if not used for any extended period. Leaking batteries can cause serious damage to the remote control.



When using headphones, take care not to listen at excessive volumes. Extended use of headphones at high volumes will lead to hearing damage.



Do not place heavy items on the main lead. Main cable damage can lead to damage of the equipment (fire hazard) and can cause electric shock.



Do not remove any equipment panels. The inside of the unit contains live components, which cause electric shock.

Cleaning Your Mini-Compact System

To obtain the best possible results from your mini-compact system, you must clean the following elements regularly:

- ♦ The outer casing
- ♦ The compact disc player
- ♦ The cassette players (heads, rollers and drive capstans)
- Always unplug the system from the wall outlet:
 - ♦ Before cleaning it
 - ♦ If you are not going to be using it for a long time

Outer Casing

Clean the outer casing regularly using a soft cloth and a light detergent. Do not use abrasive powders, liquids or aerosol cleaners. Never let any liquids get into the system.

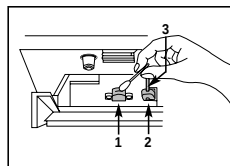
Compact Disc Player

- 1 Before playing a compact disc, clean it with a special CD cleaning agent. Do not use the same cleaning agents as for vinyl LP records. Carefully wipe the disc from the centre outward.

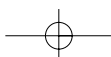
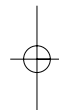
- 2 Regularly clean the player with a special cleaning disc (available from your local dealer).

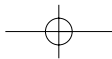
Tape Decks

- 1 Press PUSH EJECT (▲) to open the cassette deck.
- 2 Use a cotton bud and a special cassette cleaning agent to clean the:
 - ♦ Head (1)
 - ♦ Rollers (2)
 - ♦ Drive capstans (3)



- ♦ If you will not be using the remote control for a long time, remove the batteries to prevent corrosion.
- ♦ Although your system is very hard-wearing, it should not be used in an excessively dusty environment or subjected to shocks or extreme heat (close to heating appliances or in direct sunlight, etc.).
- ♦ If the unit emits an unpleasant odor when in use, unplug it from the main supply and contact the after-sales service.





Before Contacting the After-Sales Service

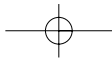
It always takes a little time to become familiar with a new appliance. If you have any of the problems listed below, try the solutions given. They may save you the time and inconvenience of an unnecessary service call.

Problem	Checks/Explanation
The system does not work	- The main lead is not correctly plugged into a wall socket or the wall socket is not switched on. - The remote control batteries need replacing or the polarity has not been respected. - The STANDBY/ON button has not been pressed.
There is no sound	- The volume has been completely turned down. - The correct function (TUNER, CD, TAPE, AUX) has not been selected. - You have connected a set of earphones. - The loudspeaker wires have been disconnected. - The MUTE button has been pressed.
The Timer does not work	The timer has been stopped by pressing TIMER ON/OFF.
In case it does not work, even the action is taken as above.	Press the STOP button for 5 seconds in power OFF (standby), then it is returned the original position (RESET)
The compact disc player does not start playing	- The CD function has not been selected. - The disc has been inserted face down or is either dirty or scratched. - The laser sensor is dirty or dusty. - The system has not been installed on a flat, horizontal surface. - Condensation has formed in the player; leave the system in a warm, airy room for at least one hour.
The MP-3 CD player cannot be played.	Use the PC to confirm if the extension is *.mp3.
The tape does not start playing	- The TAPE function has not been selected. - The cassette has not been inserted correctly. - The cassette player has not been closed. - The tape is either slack or broken.
The volume falls off	The audio heads are dirty.
The cassette is not erased correctly	The rollers or drive capstans are dirty.
There is excessive wow and flutter	The tape is worn.
Reception is poor or no radio stations are received at all	- The TUNER function has not been selected. - The radio frequency has not been correctly selected. - The aerial has been disconnected or is not facing the right way. Turn it until you find the best orientation. - You are in a building that blocks radio waves; you must use an outside aerial.

If the above guidelines do not allow you to solve the problem, take a note of:

- The model and serial numbers, normally printed on the rear of the system
- Your warranty details
- A clear description of the problem

Then contact your local dealer or SAMSUNG after-sales service.



Technical Specifications

GB

SAMSUNG strives to improve its products at all times. Both the design specifications and these user instructions are thus subject to change without notice.

RADIO	
AM (MW)	
Signal/noise ratio	40 dB
Usable sensitivity	55 dB
Total harmonic distortion	2 %
FM	
Signal/noise ratio	55 dB
Usable sensitivity	10 dB
Total harmonic distortion	0.3 %
COMPACT DISC PLAYER	
Capacity	3 discs
Frequency range	20 Hz - 20 KHz (± 1 dB)
Signal/noise ratio	90 dB (at 1 KHz) with filter
Distortion	0.05 % (at 1 KHz)
Channel separation	75 dB
Disc sizes	Diameter: 120 or 80 mm. Thickness: 1.2 mm
TAPE DECK	
Frequency range	125 Hz ~ 8 KHz
Signal/noise ratio	40 dB
Channel separation	35 dB
Erasing effect	50 dB
AMPLIFIER	
Output power (6 Ω)	35 Watts/CH RMS, IEC (total harmonic distortion: 10 %)
Channel separation	40 dB
Signal/noise ratio	75 dB
GENERAL	
Dimensions	384(D) x 332 (H) x 270 (W) mm



